

## PROGRAM

### CAUSATION IN PHYSICS

#### *Temporality, Modality and Reduction*



Landbruksmuseet, UMB campus, Ås  
3-5 September 2012

MONDAY	SPEAKER	TITLE
9:30 – 10:00	Rani Lill Anjum	Coffee and welcome
10:00 – 11:00	Carl Hofer	On Causal Explanations of Inertia in General Relativity
11:00 – 11:15	Short break	Coffee
11:15 – 12:15	Elias Salden Nunez	Processes and Holism in Physics: A Perspective for Re-thinking Emergence
12:15 – 13:15	Lunch	
13:15 – 14:15	Johan Arnt Myrstad	Kepler, Galilei, Kant: The troubled history of the principle of inertia
14:15 – 14:30	Short break	Coffee
14:30 – 15:30	Mauro Dorato	The Overcoming of Causal Explanations in Scientific Revolution
15:30 – 16:00	Long break	Coffee and snack
16:00 – 17:00	Fredrik Andersen	Towards a Unified Metaphysical Framework for Physics

TUESDAY	SPEAKER	TITLE
10:00 – 11:00	Mauricio Suarez	Propensities and Conditionals in Quantum Mechanics
11:00 – 11:15	Short break	Coffee
11:15 – 12:15	Stephen Mumford & Rani Anjum	Getting Chances from Powers
12:15 – 13:15	Lunch	
13:15 – 14:15	Dagfinn Døhl Dybvig	Dispositions, Capacities and Mutual Manifestation: An “Aristotelian” Approach
14:15 – 14:30	Short break	Coffee
14:30 – 15:30	Iñaki San Pedro	Temporal Order, Causal Order and Non-locality in EPR
15:30 – 16:00	Long break	Coffee and snack
16:00 – 17:00	Ragnar Fjelland	Quantum Mechanics and the “Observer”

WEDNESDAY	SPEAKER	TITLE
10:00 – 11:00	Anita Leirfall	Kant’s Conception of Space – A Metaphysical Contribution to Physics
11:00 – 11:15	Short break	Coffee
11:15 – 12:15	Thor Sandmel	Causality, Time and Entropy
12:15 – 13:15	Lunch	
13:15 – 14:15	Allen Stairs	Spooky Action at a Distance? A Skeptical Perspective
14:15 – 14:30	Short break	Coffee
14:30 – 15:30	Henrik Zinkernagel	The Case Against Quantum Fundamentalism
15:30 – 16:00	Long break	Coffee and snack
16:00 – 17:00	Sigurd Tønnessen	TBA